UNCLASSIFIED

	BUD	GET I	TEM JUST	TFICATION	SHEET			DATE:				
			P-4	0						February 2	004	
APPROPRIATION/BU	DGET ACTIVI	ΓΥ					P-1 ITEM NO	MENCLATUR	RE	BLI 4216		
OTHER PROCUR	EMENT, NA	VY	BA-03				AIRCRAFT I	AUNCH AND	RECOVERY	' EQUIPMEN	Γ (ALRE)	
Program Element for 0	Code B Items:						Other Relate	d Program Ele	ements			
0204261N, 02041 ²	12N, and 02	04161	N				RDT&E, 06	03512N,06	04512N			
	Prior	ID									То	
	Years	Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
QUANTITY												
COST (In Millions)	\$668.2		\$0.0	\$18.6	\$20.1	\$21.3	\$30.0	\$30.7	\$31.0	\$32.2	CONTINUING	CONTINUING

This program provides for procurement of major aircraft Launch, Recovery, and Visual Landing Aids (VLA) equipment as well as ancillary items required for installation aboard aircraft carriers, air capable combatant vessels, amphibious assault ships, and shore stations. Most procurements are initiated due to one of the following reasons:

- (1) urgent fleet problems associated with the safe and reliable operation of existing equipment;
- (2) expanding responsibilities in support of helicopter operations on Air Capable Ships (ACS) and Vertical / Short Take-Off and Landing (V/STOL) aircraft, and;
- (3) the demand for increased launch and recovery equipment reliability, availability, and maintainability (RAM); capability; and margin of safety.

Shipboard installed items procured under this program are for operational fleet aircraft carriers, air capable combatant vessels, and amphibious assault ships. Major equipment and service changes procured in support of the Fleet Modernization Program (FMP) are generally installed by shipyard personnel during routine or restricted availabilities and regular overhauls. Non-FMP installations include minor equipments and service changes that are installed by Alteration Installation Teams (AIT) or Voyage Repair Teams (VRT) from the Naval Aviation Depots (NADEPs) under the direction of Fleet Type Commanders and the Naval Air Warfare Center, Aircraft Division (NAWCAD), Lakehurst, NJ. Type Commanders determine shorebased installed item requirements.

The FY 2003 budget request consists of Aircraft Carrier (Launcher, Arresting gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements. Also, included is funding for Auto Cross Check System, IFLOLS, PE, ILS, ATE, and FMP/NFMP installations for FY 2002 and prior years procurements.

The FY 2004 budget request consists of Aircraft Carrier (Launcher, Arresting gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements. Also, included is funding for MWS (Moriah Wind System), VISUAL (Virtual Imaging System for Aproach and Landing), Auto Cross Check System PE, ILS, and FMP/NFMP installations for FY 2003 and prior years procurements.

The FY 2005 budget request consists of Aircraft Carrier (Launcher, Arresting gear and Visual Landing Aids) and Air Capable Ships (Helicopter Landing System) service change procurements. Also, included is funding for MWS, VISUAL, ARC (Advanced Recovery & Control System), PE, ILS, and FMP/NFMP installations for FY 2004 and prior years procurements.

CLASSIFICATION:

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BUDGET I	TEM .	JUSTIFIC	ATION SHE		GREGATED	ITEMS		DATE:	F	ebruary 20	04	
APPROPRIATION/BUDGET AC	TIVITY	,					P-1 ITEM NC	MENCLATURE		BLI 4216		
OTHER PROCUREMENT			BA-03					AUNCH AND			LRE)	
	ID	Prior									То	
Procurement Items	Code	Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
SERVICE CHANGE KITS		90.6	0.0	4.0	2.6	3.8	3				Continuing	Continuing
IFLOLS - Shore	Α											
QUANTITY		11	0	3	0	0					0	20
COST (In Millions)		8.9	0.0	1.2	0.0	0.0					0.0	10.1
MWS - CV(N)	Α											
QUANTITY			0	0	2	2						10
COST (In Millions)		0.0	0.0	0.0	0.8	0.8					0.0	4.1
MWS - L	Α											
QUANTITY			0	0	2	1					0	12
COST (In Millions)		0.0		0.0	0.5	0.2					0.0	
MWS - Shore	А											
QUANTITY	, , ,		0	0	3	0					0	3
COST (In Millions)		0.0		0.0	0.2	0.0					0.0	
VISUAL - CV(N)												
QUANTITY	Α		0	0	1	1					0	11
COST (In Millions)		0.0		0.0	2.2	1.8	3				0.0	
VISUAL - Shore												
QUANTITY	Α		0	0	0	0					0	2
COST (In Millions)		0.0	0.0	0.0	0.0	0.0					0.0	
ARC	Α											
QUANTITY			0	0	0	5					8	59
COST (In Millions)		0.0		0.0	0.0	2.4					2.4	
Auto Cross Check System	Α											
QUANTITY			0	7	0	0					0	0
COST (In Millions)		0.0		1.4	0.0	0.0					0.0	
							CL ACCIFICA			<u> </u>		

CLASSIFICATION:

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BUDG	ET IT	ЕМ .	JUSTIFIC	ATION SHE	ET FOR AG	GREGATE	DITEMS		DATE:				
				P-40a	1					F	ebruary 20	04	
APPROPRIATION/BUDGI	ET AC	TIVIT	Y					P-1 ITEM NO	MENCLATURI		BLI 4216		
OTHER PROCUREM	ENT.	NAV	Υ	BA-03				AIRCRAFT I	AUNCH AND	RECOVERY E	QUIPMENT (A	LRE)	
		ID I	Prior						T	1	T	To	
Procurement Items		Code	Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Complete	Total
ILS									1				1
QUANTITY													
COST (In Mil	lions)		6.9	0.0	1.6	1.6	0.9					Continuing	Continuing
PE													
QUANTITY													
COST (In Mil	lions)		23.8	0.0	2.7	3.9	2.8					Continuing	Continuing
ATE									1				
QUANTITY													
COST (In Mil	lions)		1.9	0.0	0.0	0.0	0.0					Continuing	Continuing
Installation - NFMP													
QUANTITY													
COST (In Mil	lions)		100.0	0.0	6.1	6.7	4.3					Continuing	Continuing
Installation - FMP									1				
QUANTITY													
COST (In Mil	lions)		51.2	0.0	1.5	1.7	4.2					Continuing	Continuing
Various 1/			384.8										384.8
													<u> </u>
									1				
	-+												
1/ The amount identified aga	inst this	cost	element refle	ects total prior ye	ar funding asso	ciated with cost	elements no lor	nger financed in	FY2002 and bey	ond.			1
		+											
TOTAL	_		668.0	0.0	40.0	20.4	04.0					Continuin	Cantinuin
IUIAL			668.2	0.0	18.6	20.1	21.3	CLASSIFICA	TION	<u> </u>		Continuing	Continuing

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^{*} Totals may not add due to rounding

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	WEAPONS SYSTEM CO P-5	ST ANA	ALYSIS			Weapon Sy	rstem						DATE: February	2004	
Other F	PRIATION/BUDGET ACTIVITY Procurement, Navy R PROCUREMENT, NAVY / BA 3 AVIA	TION S	UPPORT E	QUIPMEN		ID Code			JRE/SUBHEA		BLI 4216				
	,		TOTAL COS			OOLLARS	-			-					
COST	ELEMENT OF COST	ID Code	Prior Years					FY 2003			FY 2004			FY 2005	
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost
SJ040	Service Change Kits	А	90,606						4,017			2,620			3,849
	LAUNCHER Catapults - CV(N)								1,528			1,268			1,291
	VISUAL LANDING AIDS Visual Landing Aids - CV(N) Visual Landing Aids - ACS								463			267			1,517
	RECOVERY Arresting Gear - CV(N) Helicopter Landing System (HLS) - ACS								1,263 763			972 113			741 300
SJ261 SJ262	IFLOLS - Shorebased MWS - CV(N) MWS - L Class MWS - Shorebased	A A A	8,893				3	416	1,247	2 2 3	411 241 75	822 482 225	2 1	403 236	806 236
SJ271	VISUAL - CV(N) VISUAL - Shorebased	A A								1	2,192	2,192	1	1,848	1,848
SJ280 SJ290	ARC Auto Cross Check System	A A					7		1,388				5	470	2,350
SJ800 SJ830 SJ860	Integrated Logistics Suppport Production Engineering Acceptance, Test & Evaluation		6,949 23,755 1,931						1,637 2,683 42			1,564 3,866			891 2,780
SJ900 SJ910	Installation - NFMP Installation - FMP		100,039 51,201						6,055 1,529			6,660 1,696			4,282 4,233
N/A	Various 1/		384,837												
			668,211			0			18,598			20,127 CLASSIFICA	TION		21,275

CLASSIFICATION:

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BUDGET PROCUREMEN	NT HISTOR	Y AND PL	ANNING EXHIBIT (P	-5A)		Weapon System		A. DATE February	/ 2004	
B. APPROPRIATION/BUDGET AC	TIVITY				C. P-1 ITEM NOI	MENCLATURE			SUBHEAD	
Other Procurement, Nav	y	BA-03			Aircraft Lau	nch and Recovery Equip	ment (A	LRE)	43	SJ
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
FY 2003 SJ250 IFLOLS - Shorebased	3	416	NAWCAD PAX	Not Applicable	FFP	Raytheon Systems Company Indianapolis, IN	12/02	4/04	Yes	N/A
FY 2004						maianapolis, iiv				
SJ260 MWS - CV(N)	2	411	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc	3/04	8/04	No	N/A
SJ261 MWS - L Class	2	241	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Fredricksburg, VA	3/04	8/04	No	N/A
SJ262 MWS - Shorebased	3	75	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	3,	3/04	8/04	No	N/A
SJ270 VISUAL-CVN	1	2192	NAWCAD LKEHRST	Not Applicable	FFP	DRS, Anaheim, CA	4/04	4/05	No	N/A
FY 2005										
SJ260 MWS - CV(N)	2	403	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Quality Performance Inc	12/04	5/05	No	N/A
SJ261 MWS - L Class	1	236	NAWCAD LKEHRST	Not Applicable	FFP/IDIQ	Fredricksburg, VA	12/04	5/05	No	N/A
SJ270 VISUAL-CVN	1	1848	NAWCAD LKEHRST	Not Applicable	FFP	DRS, Anaheim, CA	12/04	12/05	No	N/A
SJ280 ARC	5	470	NAWCAD LKEHRST	Not Applicable	FPI	Notrhrop Grumman Sykesville, MD	12/04	10/05	No	N/A
D DEWYDKS										

D. REMARKS

DD Form 2446-1, JUL 87 P-1 SHOPPING LIST Classification:

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CLASSIFICATION: UNCLASSIFIED

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: SYSTEMS VARIOUS TYPE MODIFICATION: SYSTEMS VARIOUS MODIFICATION TITLE:

SJ210, SJ220, SJ230, SJ240 SJ250, SJ260, SJ261, SJ262

SJ271, SJ290

DESCRIPTION/JUSTIFICATION:

SJ210-LRLS CV(N); SJ220-LRLS SHORE; SJ230-ADMACS; SJ240-IFLOLS CV(N); SJ250-IFLOLS SHORE; SJ260 - MWS CV(N); SJ261-MWS L Class; SJ262-MWS Shore; SJ271-VISUAL Shore; SJ290-Auto Cross Check System

The equipment and installation costs represented on this P-3a are for individual modification programs that do not exceed \$5 million in either budget year or \$10 million within the first three years of a new start.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

	<u>Pri</u> QTY	or Years \$	QTY	\$ <u>FY</u> QTY	<u>/ 2003</u> \$	<u>FY</u> QTY	<u>2004</u>	<u>FY</u> QTY	<u>2005</u>	<u>FY</u> QTY	2006 \$	<u>FY</u> QTY	<u>2007</u> \$	<u>F\</u> QTY	<u>/ 2008</u> \$	<u>FY</u> QTY	<u>2009</u> \$	QTY	<u>TC</u> \$	<u>T</u> QTY	OTAL \$
FINANCIAL PLAN (IN MILLIONS)																					
RDT&E		24.891			2.678		0.250													1	
<u>PROCUREMENT</u>																					
INSTALLATION KITS		37.470			2.635		1.529		1.042		2.255		1.046		1.399		0.708				48.084
INSTALLATION KITS - UNIT COST																					
INSTALLATION KITS NONRECURRING																					
EQUIPMENT																					
EQUIPMENT NONRECURRING																					
ENGINEERING CHANGE ORDERS																					
DATA																					
TRAINING EQUIPMENT																					
SUPPORT EQUIPMENT																					
ILS		4.205			0.596		0.265		0.095		0.085		0.075		0.155		0.110				5.586
PE		12.766			0.498		1.344		0.755		0.665		0.415		0.289		0.000				16.732
ATE		0.892																			0.892
INTERIM CONTRACTOR SUPPORT																					
INSTALL COST		52.184			3.006		1.826		3.102		2.740		2.595		3.160		1.599				70.212
TOTAL PROCUREMENT		107.517			6.735		4.964		4.994		5.745		4.131		5.003		2.417				141.506

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P3A (Continued)	SIFIE	<u>. </u>				INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: SYS	STEMS	S VARIOUS	1			МО	DIFIC	ATION TI	TLE:	SYS	STEMS	VARIOUS							_	
INSTALLATION INFORMATI	ON:																					
METHOD OF IMPLEMENTA	TION:	AIT	/SHIP	YARD			_															
ADMINISTRATIVE LEADTIM	IE:	N/A					_	PRODUC	CTION	I LEADTIN	ΛE:	N/A	١		_							
CONTRACT DATES:		FY 2003		N/A				2004:		N/A			2005:		N/A		_					
DELIVERY DATE:		FY 2003	:	N/A	4		FY 2	2004:		N/A		FY	2005:		N/A		_					
									(\$ ir	n Millions)												
Cost:	Prior	Years			F	Y 2003	F`	Y 2004		Y 2005	F	Y 2006	F`	Y 2007	F	Y 2008	F'	Y 2009	To Co	omplete		Total
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT	-	2.580				0.257		0.186		0.299		0.141		0.241		0.205		0.063				3.972
PRIOR YEARS		49.604				2.140		0.103														51.847
FY 2003 EQUIPMENT								0.877		0.313												1.190
FY 2004 EQUIPMENT						0.609		0.290		1.710												2.609
FY 2005 EQUIPMENT								0.370		0.140		1.335										1.845
FY 2006 EQUIPMENT										0.640		0.835		2.020								3.495
FY 2007 EQUIPMENT												0.429		0.174		1.335						1.938
FY 2008 EQUIPMENT														0.160		1.500		0.411				2.071
FY 2009 EQUIPMENT																0.120		1.125				1.245
TO COMPLETE																						
INSTALL COST		52.184				3.006		1.826		3.102		2.740		2.595		3.160		1.599				70.212
INSTALLATION S <u>CHEDU</u>									,								, ,					
FY 2002		FY 2003			2004		_	2005	Ш.	FY 2006			2007			2008		FY 2009		TC		
& Prior		2 3	4	1 2		4 1	2_	3 4	1	2 3	4_	1 2	3	4 1	2	3 4	1	2 3	0	_	-	TAL
In 0	0	0 0	0	0 0		0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0		0		0
Out 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	J	0
																				P-3	Λ	
																				r3	<u>'</u> \	

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CLASSIFICATION: UNCLASSIFIED																						
РЗА		INDIVIDU	AL MO	DIFICAT	ION																	
MODELS OF SYSTEM AFFECTED:	Mark	7 Mod 2,3,4				_	TYPI	E MODIF	ICAT	ION:	Increa	ase Capal	oility/S	afety	MOE	IFICATIO	N TIT	LE:	Adva		covery	Control Sys
DESCRIPTION/JUSTIFICATION:																			(,		
using FMP funding. This new Advanced F safety to the MK7 Arresting Gear System. DEVELOPMENT STATUS/MAJOR DEVELOR	The ne	ew system v	vill als	o reduce	•		e cost		cing "(O" level n			sting (Gear Imp	roven	nents CV (OAG /	Air Dept I	Priorit	y #3 to re	store r	margins of
	P	rior Years			F	Y 2003	F١	/ 2004	F١	′ 2005	F۱	Y 2006	F١	2007	F	Y 2008	F۱	/ 2009		<u>TC</u>		TOTAL
	QTY		QTY	\$	QTY		QTY	\$	QTY	\$	QTY	\$	QTY		QTY		QTY		QTY		QTY	\$
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E		5.606				7.664		1.043													+	
<u>PROCUREMENT</u>																						
INSTALLATION KITS									5	2.350	10	4.700	10	4.700	17	7.650	9	4.230	8	3.850	59	27.480
INSTALLATION KITS - UNIT COST										0.470		0.470		0.470		0.450		0.470		0.470		0.466

0.380

3.616

0.616 5

0.165

0.174

0.920

5.959

0.060

0.188

0.248

EQUIPMENT NONRECURRING ENGINEERING CHANGE ORDERS

INTERIM CONTRACTOR SUPPORT

TRAINING EQUIPMENT SUPPORT EQUIPMENT

TOTAL PROCUREMENT

EQUIPMENT

INSTALL COST

DATA

ILS

PE

INSTALLATION KITS NONRECURRING

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0.175

0.190

0.360

0.400

7.390

1.520 17 2.400 17 1.620 59

0.144

0.175

5.789

1.344

1.687

8.496

39.007

0.170

0.180

10 1.420 10

CLASSIFICATION: UNCLAS	SSIFIE	D																				
P3A (Continued)						INDIVIDU	AL M	DDIFICAT	TION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: <u>Ma</u>	ırk 7 Mc	od 2,3,4				МО	DIFIC	ATION TI	TLE:	Adv	/anced	d Recover	y Con	trol Syster	m				-	
INSTALLATION INFORMATI	ON:																					
METHOD OF IMPLEMENTA	TION:	Sh	ipyard/	/AIT																		
ADMINISTRATIVE LEADTIN	IE:	2 r	nonths					PRODUC	CTION	I LEADTIN	ΛE:	10	month	S	_							
CONTRACT DATES:		FY 2003	3:				FY 2	2004:		Apr-04		FY	2005:		Dec-0)4						
DELIVERY DATE:		FY 2003	3:				FY 2	2004:		Feb-05		FY	2005:		Oct-0	5						
									(Φ:	N 4:11: \							="					
Cost:	Drior	Years			T -	Y 2003		7 2004		Millions) Y 2005		Y 2006		Y 2007		Y 2008		Y 2009	To C	omplete		Total
Cost.	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT		Ψ	Qty	Ψ	Qty	Ψ	Qty	Ψ	Qty	0.140	Qty	0.200	Qty	0.200	Qty	0.300	Qty	0.480	Qty	Ψ 0.100	Qty	1.420
PRIOR YEARS										0.110		0.200		0.200		0.000		0.100		0.100		1.120
FY 2003 EQUIPMENT																						
FY 2004 EQUIPMENT										0.256												0.256
FY 2005 EQUIPMENT										0.220	5	0.500									5	0.720
FY 2006 EQUIPMENT												0.220	10	1.000							10	1.220
FY 2007 EQUIPMENT														0.220	10						10	1.220
FY 2008 EQUIPMENT																0.220	17	1.700			17	1.920
FY 2009 EQUIPMENT																		0.220	17	1.520	17	1.740
TO COMPLETE											<u> </u>		L				L		l			
INSTALL COST									<u> </u>	0.616	5	0.920	10	1.420	10	1.520	17	2.400	17	1.620	59	8.496
INSTALLATION SCHEDU FY 200. & Prior In 0 Out 0	2	FY 2003 2 3 0 0 0 0	<u>4</u> 0	1 2 0 0	0	4 0 0 0	FY 2 2 0 0	2005 3 4 0 0 0 0	1 1 -	FY 2006 2 3 0 0 3 2		1 2 10 0 0 5	2007 3 0 5	4 0 0 0	2	2008 3 0 5 0	1 17 0	FY 2009 2 3 0 0 5 5	4	TC 17 17	5 5	TAL 59 59
								Item No.	94		P/	AGE 9						CLASSI	FICAT	ION: UN		SIFIED

CLASSIFICATION:	UNCLASSIFIED
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РЗА	INDIVIDUAL MODIFICATION				
MODELS OF SYSTEM AFFECTED:	LOS HUD/ILARTS	TYPE MODIFICATION:	Obsolescence/Safety	MODIFICATION TITLE:	VISUAL System CVN Class

DESCRIPTION/JUSTIFICATION:

SHIPALT - 9006K.

The Virtual Imaging System for Approach and Landing (VISUAL) will provide ship's company launch and recovery personnel with enhanced images of aircraft in day, night, and low visibility conditions. VISUAL will utilize electro-optical sensors, advanced displays, and advance information / data networks. VISUAL will replace stand alone, aging systems/components currently found in ILARTS and LSO workstations. This is a modified Non-Developmental Item (NDI) procurement. 11 CV(N).

DEVELOPMENT STATUS/MAJOR DEVELO	PMEN	IT MILEST	ONES	:			VISU	JAL CV(N	l) 4Q/	03-1Q/04	4 DT			5								
	<u>Pri</u> QTY	or Years \$	QTY	\$	<u>F\</u> QTY	<u>/ 2003</u> \$	F) QTY	<u>/ 2004</u> \$	<u>FY</u> QTY	<u>′ 2005</u> \$	<u>F\</u> QTY	<u>/ 2006</u> \$	<u>FY</u> QTY	<u>/ 2007</u> \$	<u>F`</u> QTY	Y 2008 \$	<u>F\</u> QTY	<u>/ 2009</u> \$	QTY	TC \$	QTY	TOTAL \$
FINANCIAL PLAN (IN MILLIONS)		Ψ				<u> </u>	<u> </u>	Ψ		Ψ			<u> </u>	<u> </u>		<u> </u>	T		T		T	<u> </u>
RDT&E		20.619				6.650		1.918														
PROCUREMENT																						
INSTALLATION KITS							1	2.192	1	1.848	5	7.895	4	6.911							11	18.846
INSTALLATION KITS - UNIT COST								2.192		1.848		1.579		1.728								1.713
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS						0.134		0.621		0.078		0.200		0.322		0.150						1.505
PE						0.230		0.402		0.130		0.200		0.325		0.201						1.488
ATE																						
INTERIM CONTRACTOR SUPPORT																						
INSTALL COST						0.058		0.330	1	0.600	1	1.174	5	2.578	4	1.808					11	6.548
TOTAL PROCUREMENT						0.422		3.545		2.656		9.469		10.136		2.159		,				28.387

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CLASSIFICATION: UNCLAS	SIFIE	D																				
P3A (Continued)						INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: <u>LC</u>	S HUD/	ILARTS				МО	DIFIC	ATION TI	TLE:	VISUAL	Syste	m CVN CI	ass						_	
INSTALLATION INFORMATI	ON:																					
METHOD OF IMPLEMENTA	TION:	Sh	nipyard/	AIT																		
ADMINISTRATIVE LEADTIM	E:		months					PRODUC	CTION	I LEADTIN	ΛE:		month	-	_							
CONTRACT DATES:		FY 200	3:				FY 2	2004:		Apr-04		-	2005:		Dec-0	4	_					
DELIVERY DATE:		FY 200	3:				FY 2	2004:		Apr-05		FY	2005:		Dec-0	5	_					
									(\$ in	Millions)												
Cost:	Prior	Years			F	Y 2003	F	Y 2004		Y 2005	F	Y 2006	F	Y 2007	l F	Y 2008	F	Y 2009	To C	omplete		Total
0001.	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT		*	~.,	Ψ	۵.,	0.058	ς.,	0.180	α.,	0.100	۵.,	0.074	۵.,	0.375	۵.,	0.300	۵.,	<u> </u>	۵.,	<u>_</u>	ς.,	1.087
PRIOR YEARS																						
FY 2003 EQUIPMENT																						
FY 2004 EQUIPMENT								0.150	1	0.350											1	0.500
FY 2005 EQUIPMENT										0.150	1	0.350									1	0.500
FY 2006 EQUIPMENT												0.750	5	1.603							5	2.353
FY 2007 EQUIPMENT														0.600	4	1.508					4	2.108
FY 2008 EQUIPMENT																						
FY 2009 EQUIPMENT																						
TO COMPLETE																						
INSTALL COST						0.058		0.330	1	0.600	1	1.174	5	2.578	4	1.808					11	6.548
INSTALLATION SCHEDU FY 2002 & Prior In Out 0	2	FY 200 2 3 0 0 0 0	4 0	1 2 0 0 0 0	0	4 0 0 0	FY 2 2 0 0	2005 3 1 0 1		FY 2006 2 3 0 0 0 0	4 0 0	1 2 5 0 3 2	2007 3 0 0	4 1 4 2	2	2008 3 4 0 0 0 0	0	FY 200 2 3 0 0 0 0	4 0 0	0 0 0	1 1 1 1 SA	TAL 1 1
								Item No.	94		P/	AGE 11					CLA	SSIFICAT	ION: I	JNCLAS:	SIFIED)

P3A		INDIVIDU	AL MC	DIFICAT	TION																	
MODELS OF SYSTEM AFFECTED:		VARIOUS					T∨D	E MODIF		ION:	VARI	OUS			МОГ	DIFICATIO	NI TIT	1 =-	ΙΔΙ	JNCHER \	/ADIC	NI IS
MODELS OF STSTEM AFTECTED.		VAINIOUS				-		L WODII	ICAI	IOIN.	VAIXI	003		-	IVIOL	III IOATIC	/IN 111	LL.	(SJ		AINIC	00
DESCRIPTION/JUSTIFICATION:																			(000	J 4 0)		
The equipment and installation costs repre	sented	on this P-3	Ba are	for indivi	dual m	odificatio	n proc	grams tha	at do r	not excee	ed \$5 n	nillion in e	either	budget v	ear or	\$10 millio	n with	in the fir	st thr	ee years o	of a ne	ew start.
								,						0 ,						í		
DEVELOPMENT STATUS/MAJOR DEVELO		IT MILECT	ONE	·.																		
DEVELOPMENT STATOS/MAJOR DEVELO	JPIVIEI	NI WILESI	ONES).										_								
	Pr	ior Years			F`	Y 2003	F۱	Y 2004	F۱	Y 2005	F۱	2006	F'	Y 2007	F	Y 2008	F١	2009		<u>TC</u>		TOTAL
	QTY		QTY	\$	QTY		QTY		QTY	\$	QTY		QTY		QTY			\$	QTY	/ \$	QTY	
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E																						
<u>PROCUREMENT</u>																						
INSTALLATION KITS		34.262				1.528		1.268		1.291		1.794		1.526		2.801		2.214				46.684
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																					1	
SUPPORT EQUIPMENT																						
ILS		1.130				0.141		0.415		0.020		0.170		0.230		0.339		0.451				2.896
PE		2.879				0.536		0.799		0.460		0.375		0.475		0.320		0.410				6.254
ATE		0.719				0.043								0.095							1	0.857
INTERIM CONTRACTOR SUPPORT																					1	
INSTALL COST		62.541				0.720		3.402		1.515		0.710		3.098		0.983		0.706		1.816	1	75.491
TOTAL PROCUREMENT		101.531			İ	2.968		5.884		3.286		3.049		5.424		4.443		3.781		1.816	1	132.182

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CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLAS	SSIFIE	D																					
P3A (Continued)							INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D:	VAR	RIOUS	1				_ MO	DIFIC	ATION TI	TLE:			LAUNCH	ER-V	ARIOUS						
INSTALLATION INFORMATI	-																						
METHOD OF IMPLEMENTA								-	DD O DLIG	-TION		4-											
ADMINISTRATIVE LEADTIN CONTRACT DATES:		2003:					ΓV	2004:		, I ION	I LEADTIN	/IE:	FY 2005:										
DELIVERY DATES:		2003: 2003:						2004: 2004:				-	FY 2005:										
DELIVERY DATE.	ГТ.	2003.					ГТ	2004.				-	F1 2005.										
										(\$ ir	Millions)												
Cost:		Years					Y 2003		Y 2004		Y 2005		Y 2006		Y 2007		Y 2008		/ 2009		omplete		Total
	Qty	\$	Qty	\$		Qty	\$	Qty	\$	Qty		Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT		1.516					0.059		0.035		0.025		0.010		0.028		0.388		0.016		0.026		2.103
PRIOR YEARS		61.025					0.661		2.584		0.990				2.480						1.790		69.530
FY 2003 EQUIPMENT									0.783				0.200										0.983
FY 2004 EQUIPMENT											0.500												0.500
FY 2005 EQUIPMENT													0.500										0.500
FY 2006 EQUIPMENT															0.590								0.590
FY 2007 EQUIPMENT																	0.595						0.595
FY 2008 EQUIPMENT																			0.690				0.690
FY 2009 EQUIPMENT																							
TO COMPLETE																							
INSTALL COST		62.541					0.720		3.402		1.515		0.710		3.098		0.983		0.706		1.816		75.491
INSTALLATION SCHEDU FY 200		FY 2003			FY 2	2004	1	FY:	<u>2005</u>	1	FY 2006		FY	2007		FY:	2008	1	FY 2009		TC		
& Prior	· 1	2 3	4	1	2	3	4 1	2	3 4	1	2 3	4	1 2	3	4 1	2	3 4	1	2 3	4		TO	TAL
In 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0)
Out 0	0	0 0	0	0	0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0 0	0	0	(0
																		-					
																					P-3	A	

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CLASSIFICATION: UNCLASSIFIED																						
P3A		INDIVIDU	AL MO	DDIFICA	TION																	
MODELS OF SYSTEM AFFECTED:	VAR	IOUS					TYP	E MODIF	FICAT	ION:	VARI	ous			MOE	DIFICATIO	N TIT	LE:	VLA	-VARIOU	S	
						•								_					(SJC)40)		
DESCRIPTION/JUSTIFICATION:																			<u> </u>			
The equipment and installation costs repre	esented	on this P-	3a are	for indiv	idual m	odificatio	n pro	grams tha	at do n	ot excee	ed \$5 n	nillion in e	either I	budget ye	ear or	\$10 millio	n with	in the fir	st thr	ee years o	of a ne	w start.
DEVELOPMENT STATUS/MAJOR DEVEL	OPME	NT MILEST	ONES	3:										_								
		rior Years																				
	Y 2003		Y 2004		<u>/ 2005</u>		<u>/ 2006</u>		<u>Y 2007</u>		Y 2008		<u>/ 2009</u>	O.T.\	, TC		TOTAL					
	QTY	<u> \$ </u>	QTY	\$	QTY	\$	QTY	<u> </u>	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	′ \$	QTY	\$
FINANCIAL PLAN (IN MILLIONS)																					<u> </u>	
RDT&E																						
<u>PROCUREMENT</u>																						
INSTALLATION KITS		3.983				0.463		0.267		1.517		0.730		0.665		1.765		6.175		0.480		16.045
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS		0.511				0.491		0.078		0.343		0.219		0.122		0.380		0.529		0.236		2.909
PE		3.169				0.506		0.064		0.555		0.648		0.421		1.373		2.066		0.606		9.408
ATE		0.105																				0.105
INTERIM CONTRACTOR SUPPORT																				1		
INSTALL COST		6.088				2.349		0.750		0.793		1.255		0.896		1.205		4.984		6.795		25.115

1.159

3.809

13.856

TOTAL PROCUREMENT

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2.852

2.104

4.723

13.754

8.117

CLASSIFICATION: UNCLASSIFIED

53.582

CLASSIFICATION: UNCLA	SSIFIEI	D																				
P3A (Continued)						INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AF	FECTE	D: VA	RIOU	S				МО	DIFIC	ATION TI	TLE:	VLA	A-VAR	IOUS							-	
INSTALLATION INFORMAT																						
ADMINISTRATIVE LEADTIN	-						-	PRODUC	CTION	N LEADTIN	۱E٠											
CONTRACT DATES:		2003:			_	FY	2004:		01101	· LL/(D/III		FY 2005			-							
DELIVERY DATE:		2003:					2004:				-	FY 2005										
											=											
									(\$ ir	Millions)												
Cost:	Prior	Years			F`	Y 2003	F`	Y 2004	F'	Y 2005	F	Y 2006	F`	Y 2007	F	Y 2008	F'	Y 2009	To C	omplete		Total
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPOR	Т	0.288				0.349		0.080		0.043		0.245		0.126		0.210		1.978		1.265		4.584
PRIOR YEARS		5.800				1.876		0.070														7.746
FY 2003 EQUIPMENT						0.124		0.600														0.724
FY 2004 EQUIPMENT										0.600												0.600
FY 2005 EQUIPMENT												0.960										0.960
FY 2006 EQUIPMENT										0.150		0.050		0.720								0.920
FY 2007 EQUIPMENT														0.050		0.600						0.650
FY 2008 EQUIPMENT																0.395		0.720				1.115
FY 2009 EQUIPMENT																		1.141		0.950		2.091
TO COMPLETE																		1.145		4.580		5.725
INSTALL COST		6.088				2.349		0.750		0.793		1.255		0.896		1.205		4.984		6.795		25.115
INSTALLATION SCHEDU FY 200 & Pric In 0 Out 0)2	FY 2003 2 3 0 0 0 0	4	1 2	Y 2004 2 3 0 0	4 0 0 0	2	2005 3 4 0 0 0 0	1 0 0	FY 2006 2 3 0 0 0 0	4 0 0		2007 3 0 0	4 0 0 0	2	2008 3 4 0 0 0 0	1 0 0	FY 2009 2 3 0 0 0 0	4	TC 0 0	ТО	TAL 0 0
1								Item No.	94		PA	AGE 15					CLA	ASSIFICA	TION:	UNCLAS		:D

CLASSIFICATION: UNCLASSIFIED																						
P3A		INDIVIDU	AL M	ODIFICA	TION																	
MODELS OF SYSTEM AFFECTED:	VAR	IOUS					TYP	PE MODIF	FICAT	ION:	VARIO	ous			MOE	DIFICATIO	N TIT	LE:	REC	OVERY V	ARIOU	S
						•								_					(SJC)40)		
DESCRIPTION/JUSTIFICATION:																			`	,		
The equipment and installation costs repres	sented	on this P-	3a are	for indivi	dual m	odificatio	n pro	grams tha	at do r	not excee	ed \$5 m	illion in e	either	oudget ye	ear or	\$10 millio	n in a	ll years.				
DEVELOPMENT STATUS/MAJOR DEVELO	JEMEI	NT MILEST	ONE	٥٠																		
DEVELOT WENT STATOS/WASSING DEVELO		VI WIILLOI	ONLO	٥.										_								
	Pr	ior Years			F`	Y 2003	F	Y 2004	F۱	Y 2005	F١	2006	F,	Y 2007	F	Y 2008	F١	2009		<u>TC</u>	-	TOTAL
	QTY \$ QTY \$ QTY									′ \$	QTY	\$	QTY		QTY		QTY		QTY		QTY	
FINANCIAL PLAN (IN MILLIONS)																						
RDT&E																					\vdash	
PROCUREMENT																						
INSTALLATION KITS		4.642				2.026		1.085		1.041		0.902		0.747		3.123		1.524		6.441		21.531
INSTALLATION KITS - UNIT COST																						
INSTALLATION KITS NONRECURRING																						
EQUIPMENT																						
EQUIPMENT NONRECURRING																						
ENGINEERING CHANGE ORDERS																						
DATA																						
TRAINING EQUIPMENT																						
SUPPORT EQUIPMENT																						
ILS		1.022				0.215		0.185		0.085		0.065		0.060		0.170		0.165		0.865		2.832
PE		4.178				0.725		1.257		0.500		0.471		0.490		0.670		0.695		1.974		10.960
ATE		0.240																				0.240
INTERIM CONTRACTOR SUPPORT																						
INSTALL COST		8.032				1.450		2.048		1.889		1.516		1.176		1.176		2.439		5.717		25.443

4.575

4.416

18.114

TOTAL PROCUREMENT

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3.515

PAGE 16

2.954

2.473

5.139

4.823

5.717 14.997 CLASSIFICATION: UNCLASSIFIED

CLASSIFICATION: UNCLAS	SSIFIEI	D																				
P3A (Continued)						INDIVIDU	AL M	ODIFICAT	ION (Continue	d)											
MODELS OF SYSTEMS AFF	ECTE	D: VAI	RIOUS	3				_ МО	DIFIC	ATION TI	TLE:	REC	COVER	RY VARIOU	IS						_	
INSTALLATION INFORMATI																						
ADMINISTRATIVE LEADTIN	-						-	PRODUC	CTION	N LEADTIN	1											
CONTRACT DATES:		2003:				FY	2004:			· LL/(D/III		FY 2005			-							
DELIVERY DATE:		2003:					2004:				=	FY 2005										
		_000.									-	000	•									
									(\$ ir	Millions)												
Cost:	Prior	or Years																Total				
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
INSTALLATION SUPPORT	Γ	0.694				0.262		1.014		0.589		0.602		0.391		0.600		0.645		0.121		4.918
PRIOR YEARS		7.338				1.188		0.076														8.602
FY 2003 EQUIPMENT								0.958		0.082												1.040
FY 2004 EQUIPMENT										1.218		0.036						0.429				1.683
FY 2005 EQUIPMENT												0.878										0.878
FY 2006 EQUIPMENT														0.785		0.026						0.811
FY 2007 EQUIPMENT																0.550						0.550
FY 2008 EQUIPMENT																		1.365				1.365
FY 2009 EQUIPMENT																				2.094		2.094
TO COMPLETE																				3.502		3.502
INSTALL COST		8.032				1.450		2.048		1.889		1.516		1.176		1.176		2.439		5.717		25.443
INSTALLATION SCHEDU FY 200. & Prior In 0 Out 0	2	FY 2003 2 3 0 0 0 0	4	1 2	0	4 0 0 0	2	2005 3 4 0 0 0 0	1 0 0	FY 2006 2 3 0 0 0 0	4 0 0	1 2 0	2007 3 0 0	4 0 0 0	2	2008 3 4 0 0 0 0	1 0 0	FY 2009 2 3 0 0 0 0	4	TC 0 0	ТО	TAL O O
								Item No.	94		PA	AGE 17						CLASSII	FICAT	ION: UN	CLAS	SIFIED